

TS16949 ISO14001 ISO9001 OHSAS18001

UPLUS
NEW TECHNOLOGY BATTERY



AUTOMOTIVE BATTERY

MAINTENANCE FREE TYPE

UPLUS
NEW TECHNOLOGY BATTERY

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COMPANY INTRODUCTION

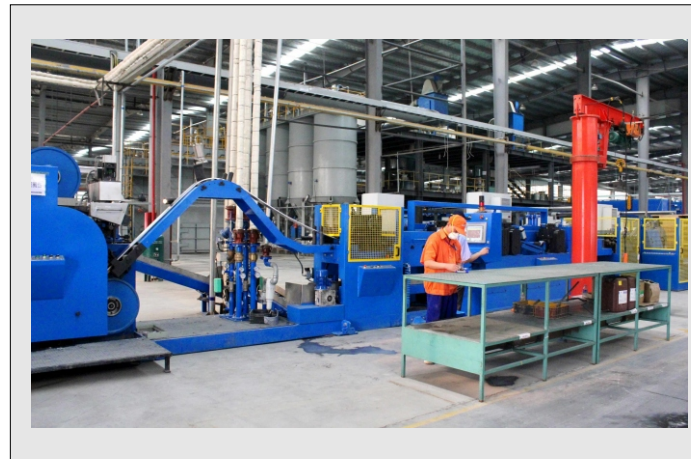
ANHUI UPLUS ENERGY TECHNOLOGY CO., LTD. is a technology driven enterprise specializing in the research, development and manufacture of automobile and commercial truck batteries. The UPLUS factory covers a site of 300,000 square meters and is capable of producing 10 million batteries per year. The SLI batteries that it produces are used in a wide variety of cars, trucks, buses, marine and associated vehicles. Indeed, UPLUS is now the largest automotive battery manufacturer in China.

The UPLUS factory is equipped with the most modern production equipment currently available. It features 8 state of the art automated expanded metal lines operated in conjunction with the latest enveloping, grouping and welding technologies. Blending world class technology with the highest operator training standards, UPLUS batteries will be of the highest possible quality. UPLUS manufacturing will include, as part of its commitment to technology leadership, the manufacture of the new Micro Hybrid and Start-Stop AGM batteries. It is the first battery manufacturer in China to do so.

UPLUS is combining the finest in research and development with the most advanced manufacturing; under the most rigorous of quality control measures, in striving for the lofty goal of Zero Defect. UPLUS is ISO9001, ISO/TS16949 (quality management system) OHSAS18001 (occupational health and security system), IEC, and CE certified. UPLUS is a cooperating partner to a number of automobile manufacturers and exports batteries to over 100 countries.



Automatic assembly & online testing



Strip casting production line



Strip stacking equipment



Lead strip



Automatic COS equipment



Automatic enveloping



Continuous pasting production line



Grid expanding line

CUSTOMER

CERTIFICATIONS



PSA PEUGEOT



CITROEN



GM



BAIC



LAND ROVER



GAC GROUP
TRUMPCHÉ



GAC GONOW



CHERY



DFM



CNHTC



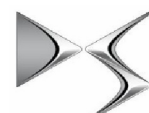
EUROPESTAR



GEELY



HAIMA



CAPSADS



JAGUAR



JONWAY



YEMAAUTO



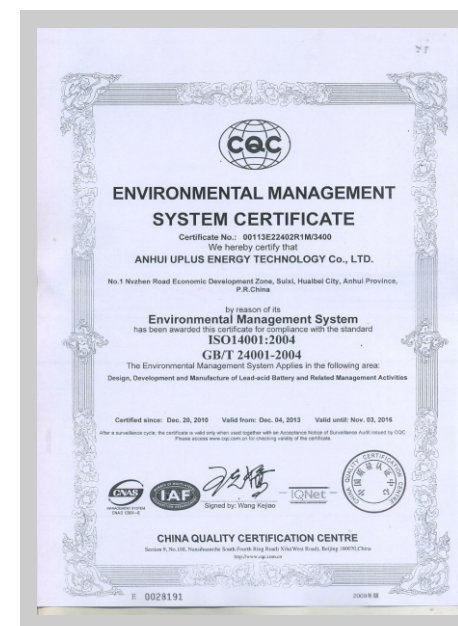
LIFAN



KAWEI



ZOTYE



ISO14001:2004



ISO9001:2008

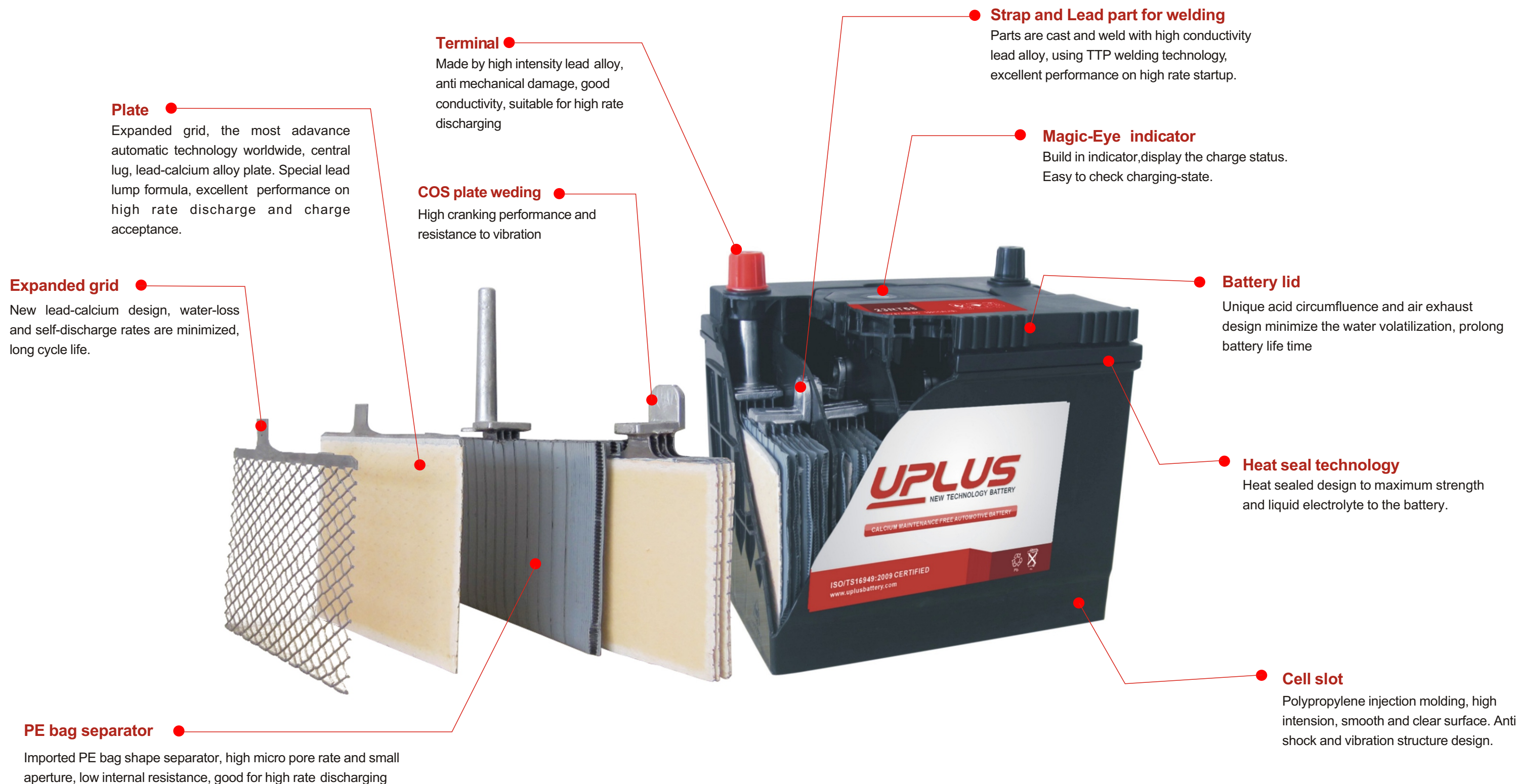


OHSAS 18001:2007

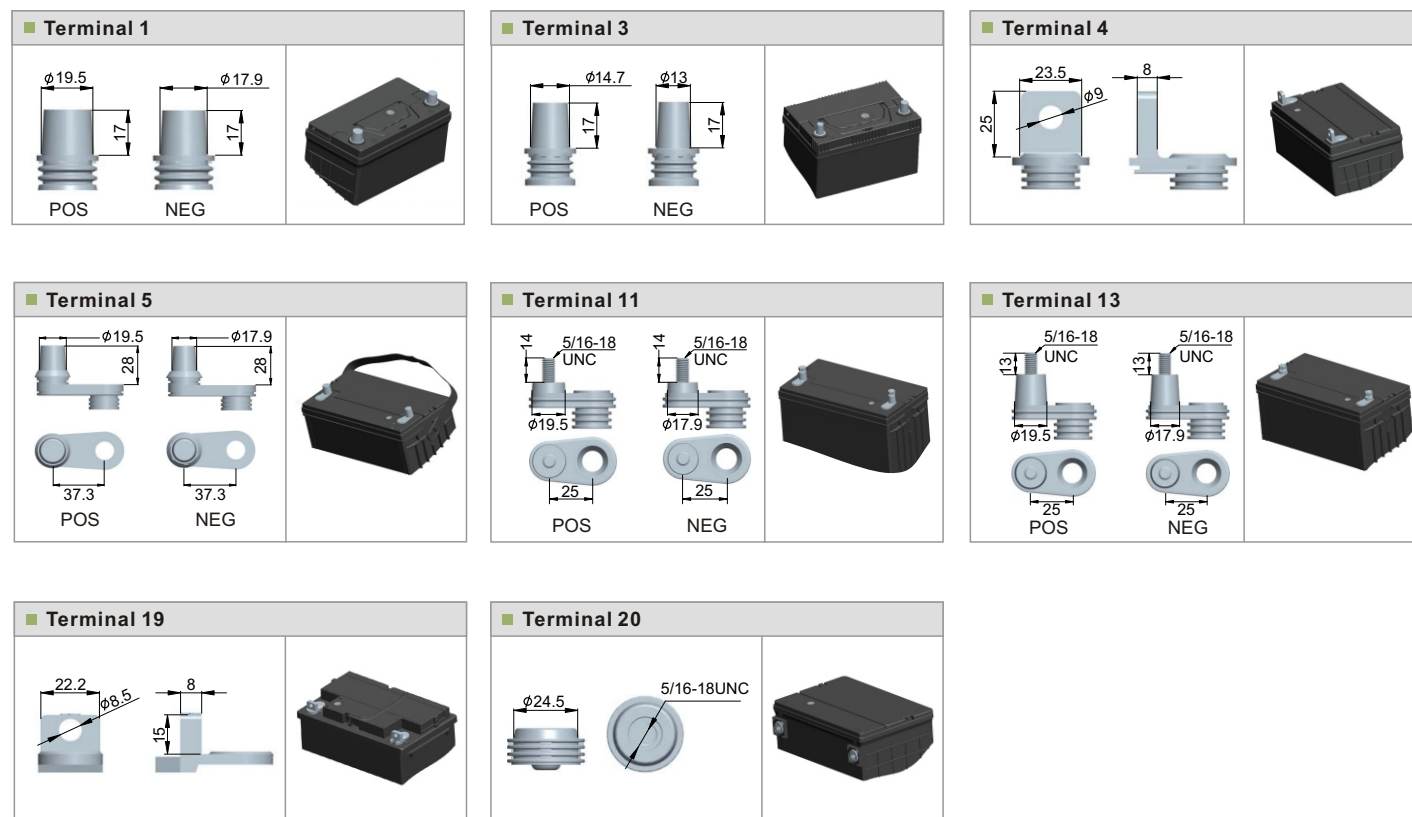


ISO/TS 16949:2009

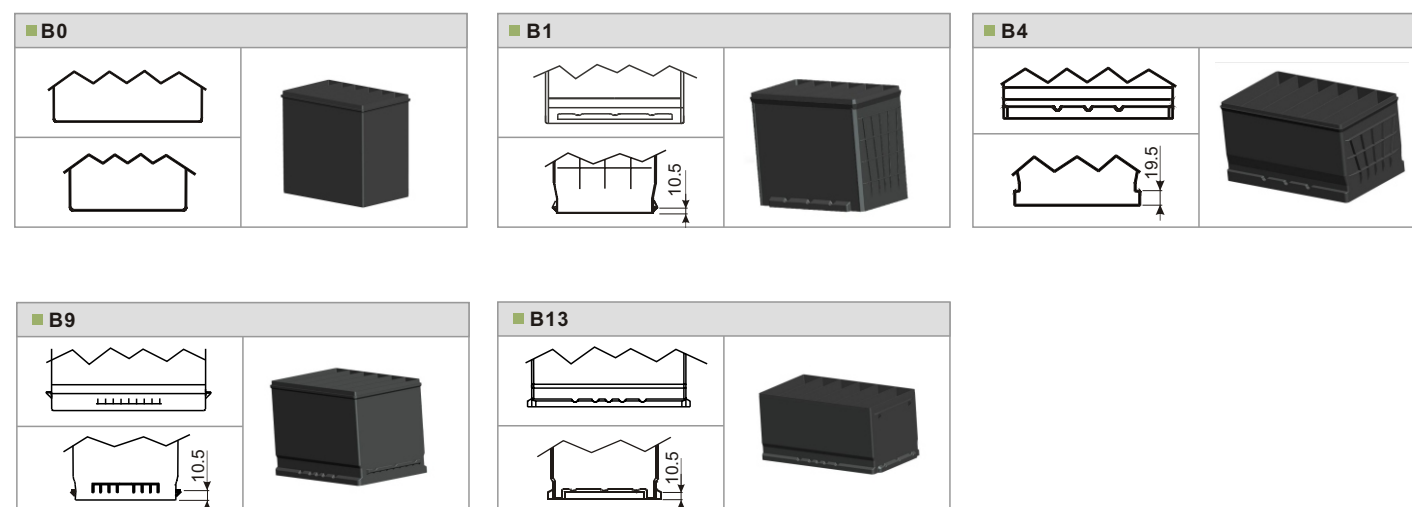
PRODUCT STRUCTURE



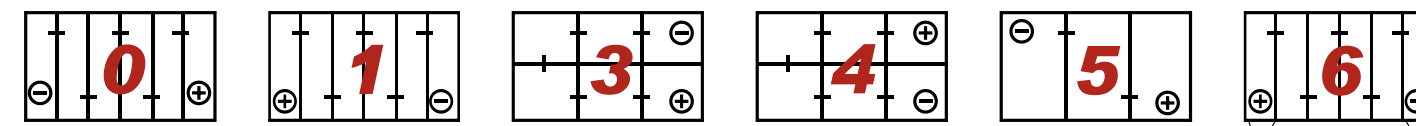
TERMINAL



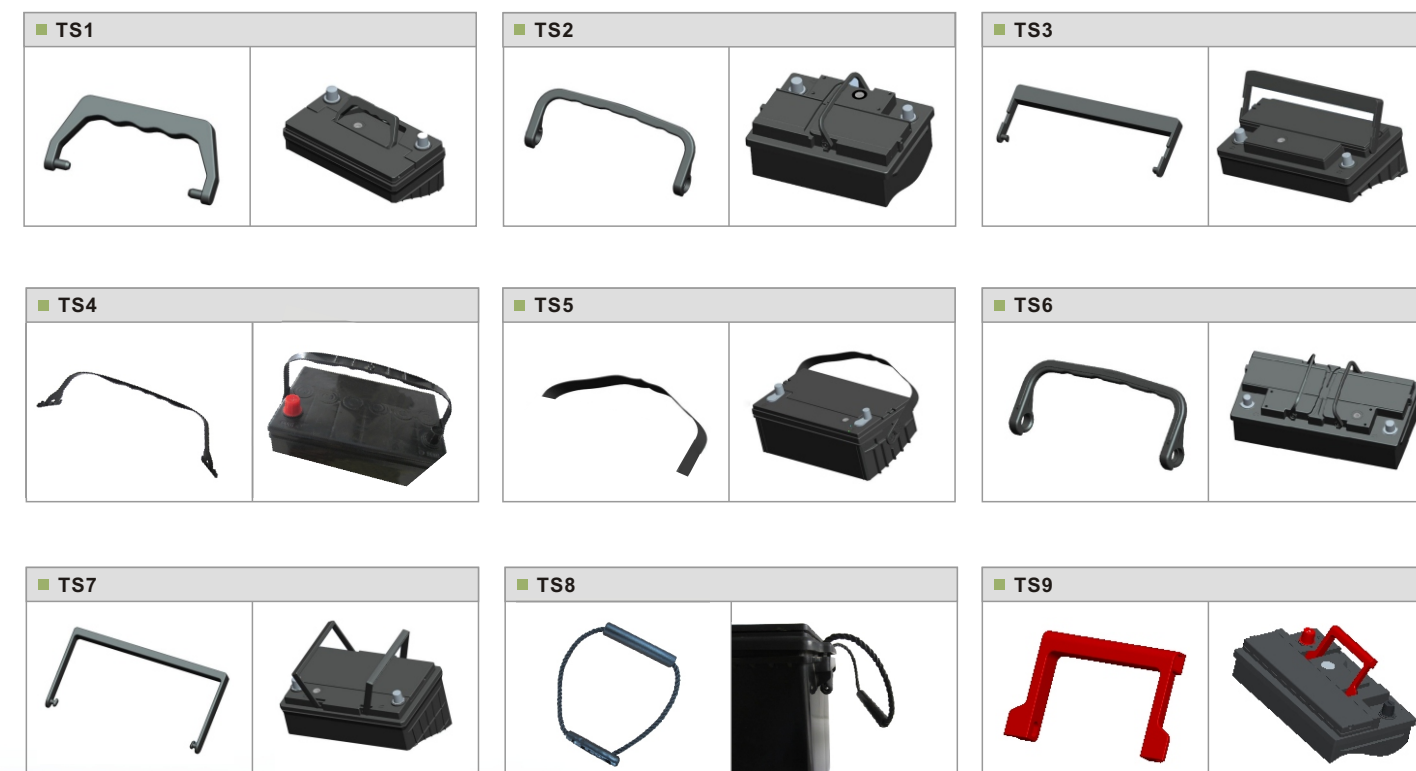
HOLD DOWN



LAY-OUT



HANDLES



UPLUS BATTERY
Durable performance, Reliable quality

AS TYPE

(CALCIUM-CALCIUM)

MAINTENANCE FREE BATTERY

JIS TYPE

(CALCIUM-CALCIUM)

MAINTENANCE FREE BATTERY



SPECIFICATION

Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA(SAE) 0°F (-18°C)	Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
					L	W	H	TH					
NS40ZL	12	36	54	335	195	126	201	221	0	3	B0	TS1	9.7
NS40Z	12	36	54	335	195	126	201	221	1	3	B0	TS1	9.7
NS60L	12	45	70	350	236	128	200	222	0	3	B0	TS1	12.1
NS60	12	45	70	350	236	128	200	222	1	3	B0	TS1	12.1
NS60L(S)	12	45	70	450	236	128	200	222	0	1	B0	TS1	12.1
NS60(S)	12	45	70	450	236	128	200	222	1	1	B0	TS1	12.1
86-500	12	55	88	500	238	172	185	206	1	1	B1	TS5	14.4
DIN55	12	55	88	550	242	174	174	174	0	1	B13	TS2	14.4
55D23L	12	60	98	550	230	170	202	222	0	1	B0	TS1	15.5
55D23R	12	60	98	550	230	170	202	222	1	1	B0	TS1	15.5
N50ZL	12	60	98	530	269	173	203	224	0	1	B1	TS5	16.9
N50Z	12	60	98	530	269	173	203	224	1	1	B1	TS5	16.9
DIN66	12	68	115	630	276	174	174	174	0	1	B13	TS1	16.7
N70ZL	12	75	128	620	303	170	201	222	0	1	B1	TS1	20.0
N70Z	12	75	128	620	303	170	201	222	1	1	B1	TS1	20.0
DIN77	12	78	135	670	310	174	173	173	0	1	B13	TS6	19.2
DIN88	12	88	154	750	351	175	173	173	0	1	B13	TS6	21.5
N100L	12	100	179	750	409	170	209	233	0	1	B0	TS8	26.3
N100	12	100	179	750	409	170	209	233	1	1	B0	TS8	26.3
31A-800	12	100	179	800	332	171	219	240	1	5	B0	TS5	25.1
31P(S)-800	12	100	179	800	332	171	219	252	1	11	B0	TS5	25.1
N120	12	120	223	800	504	180	208	232	4	1	B0	TS8	33.4
N150	12	150	290	900	507	219	212	234	4	1	B0	TS8	39.5
65012	12	150	290	900	507	219	212	234	4	1	B0	TS8	39.5
N200	12	200	407	1100	515	265	216	240	4	1	B0	TS8	51.3

SPECIFICATION

Group Number	Old Type	New Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA(JIS) 0°F (-18°C)	Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
							L	W	H	TH					
B20	NS40L	36B20L	12	32	47	310	195	126	201	221	0	3	B0	TS1	9.4
	NS40	36B20R	12	32	47	310	195	126	201	221	1	3	B0	TS1	9.4
	NS40ZL	38B20L	12	36	54	335	195	126	201	221	0	3	B0	TS1	9.7
	NS40Z	38B20R	12	36	54	335	195	126	201	221	1	3	B0	TS1	9.7
B24	N40L	32B24L	12	40	61	350	236	128	200	222	0	3	B0	TS1	11.5
	N40	32B24R	12	40	61	350	236	128	200	222	1	3	B0	TS1	11.5
	NS60L	46B24L	12	45	70	350	236	128	200	222	0	3	B0	TS1	12.1
	NS60	46B24R	12	45	70	350	236	128	200	222	1	3	B0	TS1	12.1
	NS60L(S)	46B24LS	12	45	70	450	236	128	200	222	0	1	B0	TS1	12.1
	NS60(S)	46B24RS	12	45	70	450	236	128	200	222	1	1	B0	TS1	12.1
	NX100-S6L	55B24L	12	48	75	350	236	128	200	222	0	3	B0	TS1	12.4
	NX100-S6	55B24R	12	48	75	350	236	128	200	222	1	3	B0	TS1	12.4
B24 I	NX100-S6L(S)	55B24LS	12	48	75	500	236	128	200	222	0	1	B0	TS1	12.4
	NS60L	46B24L I	12	45	70	350	236	136	200	222	0	3	B1	TS1	12.1
	NS60	46B24R I	12	45	70	350	236	136	200	222	1	3	B1	TS1	12.1
	NS60L(S)	46B24LS I	12	45	70	450	236	136	200	222	0	1	B1	TS1	12.1
D23	NS60(S)	46B24RS I	12	45	70	450	236	136	200	222	1	1	B1	TS1	12.1
		55D23L	12	60	98	550	230	170	202	222	0	1	B0	TS1	15.5
		55D23R	12	60	98	550	230	170	202	222	1	1	B0	TS1	15.5
		75D23L	12	63	105	600	230	170	202	222	0	1	B0	TS1	16.2
D23 I		75D23R	12	63	105	600	230	170	202	222	1	1	B0	TS1	16.2
		55D23L I	12	60	98	550	230	174	202	222	0	1	B1	TS1	15.5
		55D23R I	12	60	98	550	230	174	202	222	1	1	B1	TS1	15.5
		75D23L I	12	63	105	600	230	174	202	222	0	1	B1	TS1	16.2
D23 I		75D23R I	12	63	105	600	230	174	202	222	1	1	B1	TS1	16.2

JIS TYPE

SPECIFICATION

Group Number	Old Type	New Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA(JIS) 0°F (-18°C)	Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
							L	W	H	TH					
D26	N50L	48D26L	12	50	79	430	256	170	203	225	0	1	B0	TS7	15.1
	N50	48D26R	12	50	79	430	256	170	203	225	1	1	B0	TS7	15.1
	N50ZL	55D26L	12	60	98	530	256	170	203	225	0	1	B0	TS7	16.3
	N50Z	55D26R	12	60	98	530	256	170	203	225	1	1	B0	TS7	16.3
	NS70	65D26R	12	65	108	570	256	170	203	225	1	1	B0	TS7	17.0
	NS70L	75D26L	12	65	108	570	256	170	203	225	0	1	B0	TS7	17.0
	NS70	75D26R	12	65	108	570	256	170	203	225	1	1	B0	TS7	17.0
	NX110-5L	80D26L	12	70	118	620	256	170	203	225	0	1	B0	TS7	17.5
D26 I	NX110-5	80D26R	12	70	118	620	256	170	203	225	1	1	B0	TS7	17.5
		90D26L	12	75	128	660	256	170	203	225	0	1	B0	TS7	18.2
	N50ZL	55D26L I	12	60	98	530	269	173	203	224	0	1	B1	TS5	16.9
	N50Z	55D26R I	12	60	98	530	269	173	203	224	1	1	B1	TS5	16.9
D31	NX110-5L	80D26L I	12	70	118	620	269	173	203	224	0	1	B1	TS5	17.9
	NX110-5	80D26R I	12	70	118	620	269	173	203	224	1	1	B1	TS5	17.9
	N70	65D31R	12	70	118	580	304	171	203	224	1	1	B1	TS3	19.3
	N70ZL	75D31L	12	75	128	620	304	171	203	224	0	1	B1	TS3	20.0
	N70Z	75D31R	12	75	128	620	304	171	203	224	1	1	B1	TS3	20.0
	NX120-7L	95D31L	12	80	138	660	304	171	203	224	0	1	B1	TS3	20.4
E41	NX120-7	95D31R	12	80	138	660	304	171	203	224	1	1	B1	TS3	20.4
		105D31R	12	83	145	700	304	171	203	224	1	1	B1	TS3	21.1
	N100L	95E41L	12	100	179	750	409	170	209	233	0	1	B0	TS8	26.3
	N100	95E41R	12	100	179	750	409	170	209	233	1	1	B0	TS8	26.3
	N100Z	105E41R	12	105	190	780	409	170	209	233	1	1	B0	TS8	27.0
	N100ZL	115E41L	12	110	201	820	409	170	209	233	0	1	B0	TS8	27.5
F51	N100Z	115E41R	12	110	201	820	409	170	209	233	1	1	B0	TS8	27.5
	NX200-10	130E41R	12	116	215	850	409	170	209	233	1	1	B0	TS8	28.2
	N120	115F51	12	120	223	800	504	180	208	232	4	1	B0	TS8	33.4
	N120R	115F51R	12	120	223	800	504	180	208	232	3	1	B0	TS8	33.4
G51	N120R	115F51BR	12	120	223	800	504	180	208	247	3	4	B0	TS8	33.4
	NS150R	145F51R	12	135	256	850	504	180	208	232	3	1	B0	TS8	34.9
	N150	145G51	12	150	290	900	507	219	212	234	4	1	B0	TS8	39.5
	N150R	145G51R	12	150	290	900	507	219	212	234	3	1	B0	TS8	39.5
H52	NS200	165G51B	12	165	324	1000	507	219	212	251	4	4	B0	TS8	41.8
	NS200R	165G51R	12	165	324	1000	507	219	212	234	3	1	B0	TS8	41.8
	N180R	195G51R	12	180	360	1050	507	219	212	234	3	1	B0	TS8	43.2
	N200	190H52	12	200	407	1100	515	265	216	240	4	1	B0	TS8	51.3
H52	N200R	190H52R	12	200	407	1100	515	265	216	240	3	1	B0	TS8	51.3
	N220R	245H52R	12	220	456	1200	515	265	216	240	3	1	B0	TS8	53.6

BCI TYPE (CALCIUM-CALCIUM)

MAINTENANCE FREE BATTERY



SPECIFICATION

Group Number	Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA(BCI) 0°F (-18°C)	Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
						L	W	H	TH					
U1	U1L-L	12	16	12	144	196	132	159	185	1	4	B0	TS9	6.9
	U1L-250	12	24	33	250	196	132	159	185	1	4	B0	TS9	7.9
U1R	U1L-370	12	32	42	310	196	132	159	185	1	4	B0	TS9	8.7
	U1-R	12	16	12	144	196	132	159	185	0	4	B0	TS9	6.9
	U1R	12	20	18	200	196	132	159	185	0	4	B0	TS9	7.3
	U1R-250	12	24	33	250	196	132	159	185	0	4	B0	TS9	7.9
	U1R-370	12	32	42	310	196	132	159	185	0	4	B0	TS9	8.7
24	24-480	12	55	88	480	269	173	203	224	1	1	B1	TS5	16.4
	24-530	12	60	98	530	269	173	203	224	1	1	B1	TS5	16.9
	24-620	12	70	118	620	269	173	203	224	1	1	B1	TS5	17.9
24R	24R-350	12	39	59	350	269	173	203	224	0	1	B1	TS5	14.6
	24R-480	12	55	88	480	269	173	203	224	0	1	B1	TS5	16.4
	24R-530	12	60	98	530	269	173	203	224	0	1	B1	TS5	16.9
	24R-620	12	70	118	620	269	173	203	224	0	1	B1	TS5	17.9
24 I	24-430 I	12	50	79	430	256	170	203	225	1	1	B0	TS7	15.1
	24-480 I	12	55	88	480	256	170	203	225	1	1	B0	TS7	15.8
	24-530 I	12	60	98	530	256	170	203	225	1	1	B0	TS7	16.3
	24-570 I	12	65	108	570	256	170	203	225	1	1	B0	TS7	17.0
	24-620 I	12	70	118	620	256	170	203	225	1	1	B0	TS7	17.5
24R I	24R-430 I	12	50	79	430	256	170	203	225	0	1	B0	TS7	15.1
	24R-530 I	12	60	98	530	256	170	203	225	0	1	B0	TS7	16.3
	24R-570 I	12	65	108	570	256	170	203	225	0	1	B0	TS7	17.0
	24R-620 I	12	70	118	620	256	170	203	225	0	1	B0	TS7	17.5
24 II	24-530 II	12	60	98	530	265	175	200	221	1	1	B9	TS1	16.9
	24-620 II	12	70	118	620	265	175	200	221	1	1	B9	TS1	17.9
24R II	24R-530 II	12	60	98	530	265	175	200	221	0	1	B9	TS1	16.9
	24R-620 II	12	70	118	620	265	175	200	221	0	1	B9	TS1	17.9
27	27-530	12	65	108	530	303	170	201	222	1	1	B1	TS1	18.7
	27-580	12	70	118	580	303	170	201	222	1	1	B1	TS1	19.3
	27-620	12	75	128	620	303	170	201	222	1	1	B1	TS1	20.0
	27-660	12	80	138	660	303	170	201	222	1	1	B1	TS1	20.4
	27-740	12	86	150	740	303	170	201	222	1	1	B1	TS1	21.6

BCI TYPE

SPECIFICATION

Group Number	Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA(BCI) 0°F (-18°C)	Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
						L	W	H	TH					
27R	27R-530	12	65	108	530	303	170	201	222	0	1	B1	TS1	18.7
	27R-580	12	70	118	580	303	170	201	222	0	1	B1	TS1	19.3
	27R-620	12	75	128	620	303	170	201	222	0	1	B1	TS1	20.0
	27R-660	12	80	138	660	303	170	201	222	0	1	B1	TS1	20.4
	27R-700	12	83	145	700	303	170	201	222	0	1	B1	TS1	21.1
	27R-740	12	86	150	740	303	170	201	222	0	1	B1	TS1	21.6
27 I	27-580 I	12	70	118	580	304	171	203	224	1	1	B1	TS3	19.3
	27-620 I	12	75	128	620	304	171	203	224	1	1	B1	TS3	20.0
	27-660 I	12	80	138	660	304	171	203	224	1	1	B1	TS3	20.4
	27-700 I	12	83	145	700	304	171	203	224	1	1	B1	TS3	21.1
27R I	27R-620 I	12	75	128	620	304	171	203	224	0	1	B1	TS3	20.0
	27R-660 I	12	80	138	660	304	171	203	224	0	1	B1	TS3	20.4
31A	31A-800	12	100	179	800	332	171	219	240	1	5	B0	TS5	25.1
31P(s)	31P(s)-650	12	80	138	650	332	171	219	252	1	11	B0	TS5	22.8
	31P(s)-700	12	90	158	700	332	171	219	252	1	11	B0	TS5	24.0
	31P(s)-750	12	95	169	750	332	171	219	252	1	11	B0	TS5	24.6
	31P(s)-800	12	100	179	800	332	171	219	252	1	11	B0	TS5	25.1
31T	31T-700	12	90	158	700	332	171	219	243	1	13	B0	TS5	24.0
34	34-500	12	55	88	500	268	172	182	205	1	1	B1	TS5	15.5
	34-600	12	65	108	600	268	172	182	205	1	1	B1	TS5	16.7
48	48-650	12	72	122	650	274	174	190	190	0	1	B13	TS3	17.5
	48-680	12	75	125	680	274	174	190	190	0	1	B13	TS3	18.0
49	49-730	12	88	154	730	351	174	188	188	0	1	B13	TS6	22.6
	49-770	12	95	169	770	351	174	188	188	0	1	B13	TS6	23.1
	49-810	12	98	175	810	351	174	188	188	0	1	B13	TS6	23.6
51	51-450	12	45	70	450	237	128	200	222	1	1	B0	TS1	12.1
51R	51R-450	12	45	70	450	237	128	200	222	0	1	B0	TS1	12.1
	51R-500	12	48	75	500	237	128	200	222	0	1	B0	TS1	12.4
51 I	51-450 I	12	45	70	450	237	136	200	222	1	1	B1	TS1	12.1
51R I	51R-450 I	12	45	70	450	237	136	200	222	0	1	B1	TS1	12.1
58	58-550	12	55	88	550	240	174	157	177	1	1	B1	TS5	13.6
	58-500	12	50	79	500	240	174	157	177	1	1	B1	TS5	13.1
65	65-670	12	80	138	670	296	190	170	190	1	1	B1	TS4	19.7
75	75-450	12	45	70	450	238	180	182	182	6	20	B1	TS5	13.5
	75-550	12	55	88	550	238	180	182	182	6	20	B1	TS5	14.5
78	78-500	12	55	88	500	268	180	182	182	6	20	B1	TS5	15.1
	78-550	12	60	98	550	268	180	182	182	6	20	B1	TS5	15.6
	78-610	12	65	108	610	268	180	182	182	6	20	B1	TS5	16.2
86	86-500	12	55	88	500	238	172	185	206	1	1	B1	TS5	14.4
	86-610	12	63	105	610	238	172	185	206	1	1	B1	TS5	15.5
91	91-550	12	60	98	550	276	174	174	174	0	1	B13	TS1	15.7
	91-600	12	65	108	600	276	174	174	174	0	1	B13	TS1	16.2
93	93-710	12	85	148	710	351	175	173	173	0	1	B13	TS6	20.9
	93-750	12	88	154	750	351	175	173	173	0	1	B13	TS6	21.5
90	90-550	12	55	88	550	242	174	174	174	0	1	B13	TS2	14.4
90	90-550 I	12	55	88	550	242	174	174	174	0	1	B13	TS1	14.4
4D	4D-2	12	135	256	850	507	219	212	234	4	1	B0	TS8	38.1
8D	8D-1	12	155	301	850	515	265	216	240	4	1	B0	TS8	46.3
	8D-2	12	165	324	900	515	265	216	240	4	1	B0	TS8	47.8

DIN TYPE (CALCIUM-CALCIUM)

MAINTENANCE FREE BATTERY



SPECIFICATION

Group Number	Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA 0°F (-18°C)		Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
					DIN	EN	L	W	H	TH					
B20	53520	12	36	54	180	310	195	126	201	221	0	3	B0	TS1	9.7
	53522	12	36	54	180	310	195	126	201	221	1	3	B0	TS1	9.7
LBN1	53628	12	36	54	185	320	206	174	173	173	1	1	B13	TS2	10.8
	53654	12	36	54	185	320	206	174	173	173	0	1	B13	TS2	10.8
	54316	12	43	66	205	350	206	174	173	173	0	1	B13	TS2	11.9
	54465	12	44	68	205	350	206	174	173	173	0	1	B13	TS2	11.9
LN1	54459	12	44	68	225	380	207	174	190	190	0	1	B13	TS2	12.3
	54519	12	45	70	225	380	242	174	174	174	0	1	B13	TS2	13.3
LBN2	55046	12	50	79	270	460	242	174	174	174	0	1	B13	TS2	13.8
	55218	12	55	88	285	490	242	174	174	174	0	1	B13	TS2	14.4
	55563	12	55	88	285	450	242	174	174	174	1	1	B13	TS2	14.4
	56077R	12	58	95	285	500	242	174	174	174	1	1	B13	TS2	14.8
	55218 I	12	55	88	285	490	242	174	174	174	0	1	B13	TS1	14.4
	54523	12	45	70	240	410	236	128	200	222	0	1	B0	TS1	12.1
B24	54524	12	45	70	240	410	236	128	200	222	1	1	B0	TS1	12.1
	54551	12	45	70	190	320	236	128	200	222	1	3	B0	TS1	12.1
	54584	12	45	70	190	320	236	128	200	222	0	3	B0	TS1	12.1
C24	54523 I	12	45	70	240	410	236	136	200	222	0	1	B1	TS1	12.1
	54524 I	12	45	70	240	410	236	136	200	222	1	1	B1	TS1	12.1
	54551 I	12	45	70	190	320	236	136	200	222	1	3	B1	TS1	12.1
	54584 I	12	45	70	190	320	236	136	200	222	0	3	B1	TS1	12.1
LBN3	55415	12	54	87	265	450	284	175	175	175	0	1	B4	TS3	15.9
	56318	12	63	104	305	510	286	175	175	175	0	1	B4	TS3	17.0
LN2	55530/55559/55573	12	55	88	265	450	242	173	190	190	0	1	B13	TS2	14.9
	55565	12	55	88	265	450	242	173	190	190	1	1	B13	TS2	14.9
	56219	12	60	98	295	500	242	173	190	190	0	1	B13	TS2	15.5
	56219 I	12	60	98	295	500	241	174	190	190	0	1	B13	/	15.5
D23	56068	12	60	98	265	450	230	170	202	222	0	1	B0	TS1	15.5
	56069	12	60	98	265	450	230	170	202	222	1	1	B0	TS1	15.5
D23 I	56068 I	12	60	98	265	450	230	174	202	222	0	1	B1	TS1	15.5
	56069 I	12	60	98	265	450	230	174	202	222	1	1	B1	TS1	15.5

DIN TYPE

SPECIFICATION

Group Number	Type	Voltage (V)	C ₂₀ (Ah)	RC (min)	CCA 0°F (-18°C)		Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handles	Approx Wet Weight (Kg)
					DIN	EN	L	W	H	TH					
D26	56048	12	60	98	265	450	265	175	200	221	0	1	B9	TS1	16.9
	56049	12	60	98	265	450	265	175	200	221	1	1	B9	TS1	16.9
	57024	12	70	118	335	570	265	175	200	221	1	1	B9	TS1	17.9
	57029	12	70	118	335	570	265	175	200	221	0	1	B9	TS1	17.9
LBN3	56420	12	64	106	310	520	276	174	174	174	0	1	B13	TS1	16.2
	57113	12	68	115	340	580	276	174	174	174	0	1	B13	TS1	16.7
	57412	12	75	125	360	625	274	174	174	174	0	1	B13	TS3	19.1
LN3	56618	12	66	110	315	530	274	174	190	190	0	1	B13	TS3	16.8
	57219	12	72	122	355	600	274	174	190	190	1	1	B13	TS3	17.5
	57220	12	72	122	355	600	274	174	190	190	0	1	B13	TS3	17.5
	57540	12	75	125	365	625	274	174	190	190	0	1	B13	TS3	18.0
LN4	58043	12	80	138	365	625	314	174	189	189	0	1	B13	TS1	20.2
LBN4	58211	12	78	135	370	635	310	174	173	173	0	1	B13	TS6	19.2
27	58513	12	83	145	360	610	303	170	201	222	0	1	B1	TS1	21.1
	58514	12	83	145	360	610	304	171	203	224	1	1	B1	TS3	21.1
LBN5	58515	12	85	148	405	680	351	175	173	173	0	1	B13	TS6	20.9
	58815	12	88	154	410	690	351	175	173	173	0	1	B13	TS6	21.5
LN5	58821	12	88	154	395	670	351	174	188	188	1	1	B13	TS6	22.6
	58827	12	88	154	395	670	351	174	188	188	0	1	B13	TS6	22.6
	59218	12	88	154	395	670	351	174	188	188	0	1	B13	TS6	22.6
	59040	12	95	169	394	670	351	174	188	188	1	1	B13	TS6	23.1
	59524	12	95	169	420	710	351	174	188	188	0	1	B13	TS6	23.1
	60038	12	98	175	440	745	351	174	188	188	0	1	B13	TS6	23.6
E41	60026	12	100	179	380	650	409	170	209	233	0	1	B0	TS8	26.3
F51	62034	12	120	223	425	720	504	180	208	232	3	1	B0	TS8	33.4
	63530	12	135	256	445	750	504	180	208	232	3	1	B0	TS8	34.9
G51	64317	12	150	290	490	830	507	219	212	234	3	1	B0	TS8	39.5
	64323	12	143	274	445	750	507	219	212	234	3	1	B0	TS8	38.9
	65012	12	150	290	490	830	507	219	212	234	4	1	B0	TS8	39.5
	66514	12	165	324	540	920	507	219	212	234	3	1	B0	TS8	41.8
	68025	12	180	360	580	980	507	219	212	234	3	1	B0	TS8	43.2
H52	70027	12	200	407	620	1050	515	265	216	240	3	1	B0	TS8	51.3



Injection Line

Automatic injection machines to ensure good battery case



USER GUIDE

※ For our battery end user

- ◆ Please choose correct model for your vehicle.
- ◆ Check the mgaic-eye indicator is in green before you buy.
- ◆ Confirm your car engine charging system with an output voltage between 13.8V to 14.4V.
- ◆ If the total power of equipment is higher than the battery design work load, please change to a higher capacity model.

※ Please noted during charging

- ◆ Constant voltage charging: please charge with 16V (maximum 16.2V) keep good ventilation. Reduce charging voltage if battery temperature rise over 45°C or charging current over 25A.
- ◆ Constant current charging: please charge with current 0.1C₂₀ A, and can not over this limit. Please stop charging if indicator turn green or open circuit over 12.65V

※ Something you should know

- ◆ Do not connect and avoid accidentally connection between positive and negative pole with metallic conductor to avoid short circuit.
- ◆ Avoid convert connection or unstable connection.
- ◆ Do not fill in unqualified electrolyte or water.
- ◆ Do not operate under insufficient electrolyte condition. Semi maintenance free battery should be filled in pure water regularly.
- ◆ Do not use in deep cycle (capacity lower than 50%, electrolyte density below 1.200g/ml).
- ◆ Keep safe vent-valve work properly to avoid explosion caused by valve failure.
- ◆ Do not invert or incline more than 45° during transfer or storing.
- ◆ Keep ventilation on during charging, no smoking.
- ◆ Wear goggle when remove or check the battery.



Automatic plates grouping production line